Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 17 Jan 2023 until 23:59 on Wednesday 18 Jan 2023

Forecast Issued on Monday 16 Jan 2023 at 15:46

Confidence: High for staying cold but mainly dry for several days, medium for any snow showers and lower for the timing of a change to milder conditions and rain at the end of the week or the weekend.

Headline for Tuesday 17 Jan 2023: Mainly dry with some sunny spells, chance of a few snow showers late afternoon and evening. Very cold northwesterly winds on the tops.

Mountain weather hazards on Tuesday 17 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m

Time	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	Clear night	Clear night	Clear night	Sunny	Sunny intervals	Cloudy	Light snow showers (night)	Light snow
Precipitation probability	<05%	<05%	<05%	<05%	<05%	10%	30%	30%

Forecast for Tuesday 17 Jan 2023

Weather: Mostly dry with clear or sunny spells. Increasing chance of snow showers late afternoon but more especially in the evening with perhaps one or two heavy ones, most likely over the west of the park.

Chance of cloud-free hill tops above 600m: 80% falling 30% in the evening.

Low Cloud and visibility: Generally small amounts of low cloud, patchy above 600m, with good visibility away from that. Falling poor in any heavier snow showers in the evening with areas of cloud at 500-600m giving very poor summit visibility.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 17 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/12 W	8/11 SW	8/12 SW	10/16 W	13/17 W	14/19 W	14/20 W	15/21 W	15/21 W
300	2/11 NW	2/10 W	2/12 NW	3/13 NW	8/16 W	9/18 W	8/19 W	9/20 W	9/21 W
Valley	2/6 NW	1/4 NW	1/5 NW	1/5 NW	2/7 W	6/14 W	3/12 W	4/13 W	3/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-5/-9	-5/-10	-5/-10	-5/-11	-4/-10	-3/-9	-4/-10	-3/-10	-3/-10
300	-4/-7	-4/-7	-5/-7	-4/-7	-0/-4	-0/-4	-2/-6	-1/-6	-2/-6
Valley	-3/-5	-4/-6	-5/-7	-4/-6	0/-2	1/-2	-1/-4	-1/-3	-1/-4
Freezing Level*	00m	00m	00m	00m	00m	100m	00m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the very low feels like temperatures despite relatively gentle winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 16 Jan 2023	0.6mm	10mm	23.8mm

Forecast for Wednesday 18 Jan 2023

Weather: Any snow showers in early hours clearing to leave a dry day with sunny periods.

Maximum wind: Northwesterly 25mph gusts 35mph with a severe wind chill

Chance of cloud-free hill tops above 600m: 30% early hours rising 80% or more by daybreak.

Low Cloud and visibility: In showers in early hours occasionally down to 500-600m with poor visibility underneath the cloud in the showers, becoming generally very good through daylight hours.

Temperature: **Valleys:** Minus 1 Celsius rising to Plus 2 at best in the afternoon falling to Minus 3 in the evening.
At 600m: Minus 4 Celsius
Freezing level: All levels rising to 200m for a time in the afternoon.

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